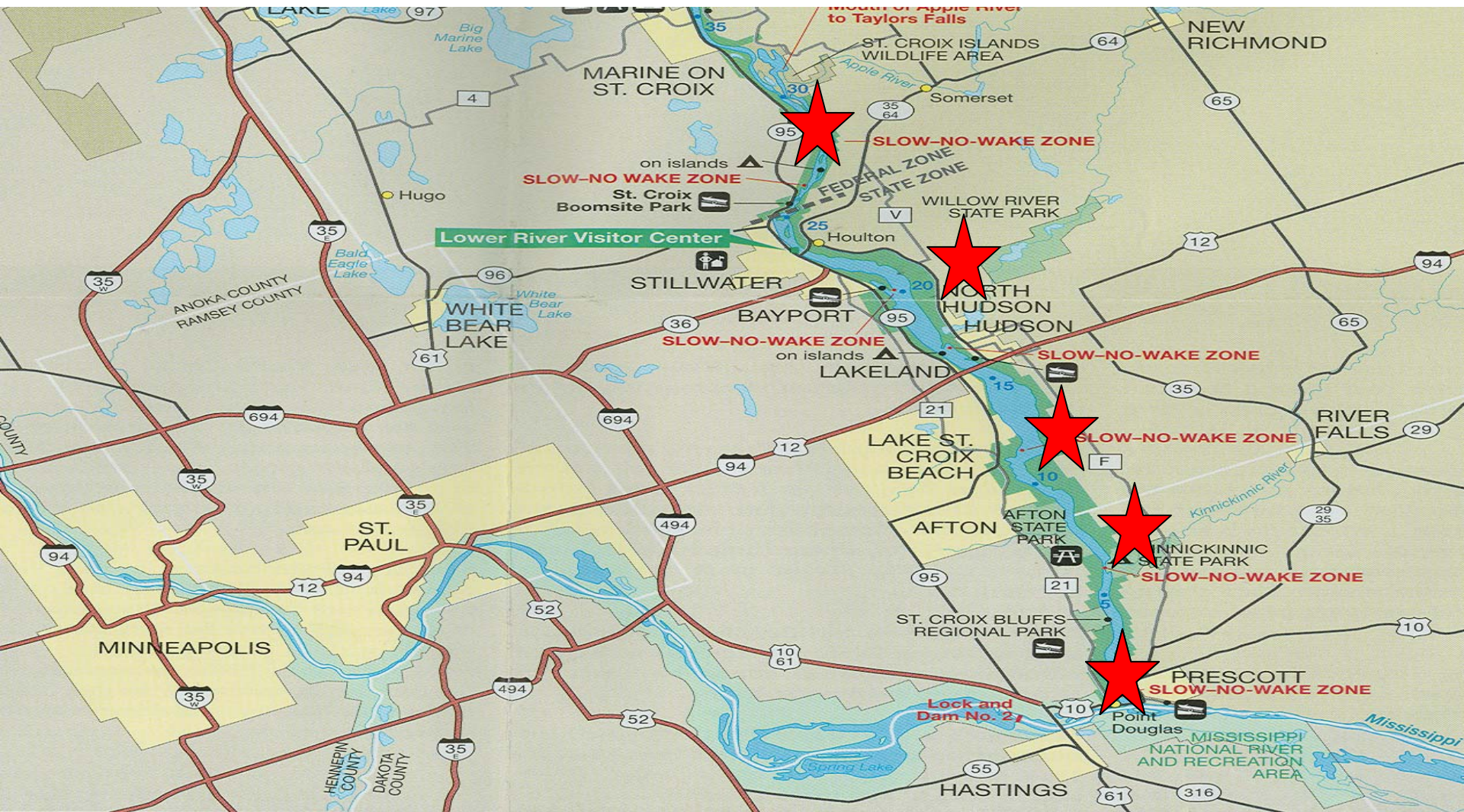


LOWER ST CROIX RIVER

ORDINARY HIGH WATER MARK EVALUATION

FIELD SITE LOCATIONS





Twin Springs Boat Landing

Transect 1 pictured in 2 photos on the right

Transect 2 pictured above---note exposed roots and erosion line

That is Bob Rolle pointing to a root of an American elm





Lake Mallalieu Dam/Union Pacific Railroad Property.

Notice water stains on the riprap and on the walls of the dam in left photo

Notice large area in which all trees have exposed roots in photo on the right



Bob Rolle property—Transect 1 above right, Transect 2 above left

Upper left—notice water stain on trees and light water stain on the rocks are at close to the same height

Upper right—notice 3 different color of water stains on rock (dark at water, light, then dark again more inland)



As we were working, we noticed a “browse line” about 5 feet high where the vegetation at the water’s edge did not have limb growth from the main trunk. This “browse line” is more easily seen from a distance as shown in upper right photo.



Kinnickinnic State Park

Transect 1 ---starting on beach on main channel of the river moving inland toward park picnic area



Kinnickinnic State Park

Transect 2—pier area

Notice water stain on
rocks in both photos
and the “browse line”
in the upper photo





City of
Prescott
property

Transect 1 top
photo

Transect 2
bottom photo





We could not sample soils at Bob Rolle's property due to presence of bedrock.

Soil samples at other sites were hydric soils in areas of other indicators; such as, exposed roots, water stains, or predominance of hydrophytic vegetation.





We documented presence of trees with exposed roots and trees without and their locations

Photo taken at Bob Rolle's property—Transect 1



We documented water stains....Photo taken at Twin Springs Transect 1

We inventoried vegetation and its location

Photo taken at Bob Rolle's property—Transect 1

To determine locations of vegetation, stains, erosion lines, exposed or adventitious roots, drift and debris lines, we used both horizontal and vertical measurements.



THANK YOU!!!!

We appreciate your participation in the field work, generosity with work site locations, and your input so far. We hope you will continue to work with us.

We have received an ordinary high water evaluation from Mr. Bill Tilton. Have other evaluations been done? Can we get copies?

We have been asked about the presence of moss in this evaluation---that is being further researched by DNR, but we would appreciate any additional information that others might have.

What constitutes a disturbed site? We have been discussing this as we have progressed, but we would appreciate any additional input about this.

We would also appreciate your input about the work that has been done.